

RESPONSE TO REVIEWERS

13th May, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: *ESPS 15935- version 2.docx*).

Title: Bartter and Gitelman syndromes: Spectrum of clinical manifestations caused by different mutations

Author: Amar Al Shibli Hassib Narchi

Name of Journal: *World Journal of Methodology*

ESPS Manuscript NO: 15935

The manuscript has been improved and revisions have been made according to the suggestions of the reviewers. They are described below (in **bold**) and have been highlighted in blue in the attached revised manuscript.

Reviewer 1

The manuscript summarized clinical characteristics and genetic changes in Bartter syndrome and Gitelman Syndrome. Overall, the manuscript provided helpful information. The tables presented are also helpful.

However, the manuscript may be improved by following:

- 1, adding some information about incidences, possibly in different ethics or race. **The estimated prevalence for each condition has now been added, with new supportive references.**
- 2, Some background on normal pathways of renal tubular handling of sodium, potassium and chloride will be helpful. **This has now been added**
- 3, It will be helpful to add reference information for genetic changes listed in Table 1. **We respectfully disagree with that statement. Instead of citing every primary reference for each described genetic anomaly, we opted to cite only that the data was extracted and modified from Seyberth's reference[5] which summarizes all this information. The number of references would have increased considerably otherwise.**

Reviewer 2

The paper is very interesting, especially considering the rarity and complexity of these diseases.

1. Abbreviations should always be written out in full (BS, GS). **We respectfully opted to maintain these abbreviations instead of spelling out the entire names at each occurrence in the text as this would considerably lengthen the manuscript. We leave it to the chief editor to decide on this.**
2. Seyberth, 2008 #482; Seyberth, 2011 #54}: what indicates? **This has now been corrected.**
3. Should be inserted some data on the epidemiology, treatment, prognosis and quality of life of these patients. **The estimated prevalence, treatment and prognosis for each condition have now been added, with new supportive references.**

We would like to thank you and the reviewers for your useful comments, which will enhance the quality of the manuscript. We also thank you for publishing our manuscript in the *World Journal of Methodology*

Sincerely yours,



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